

Title of the Device: Protecting circuit of Peltier device
Utility Model Application No. 38702/1986 (Application
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Abstract

One end of a Peltier device (1) is connected to an output terminal of a power circuit (2). One end of a load (3) is connected to the other end of the Peltier device (1), and the other end of the load (3) is connected to the ground terminal of the power circuit (2). The portion connecting the Peltier device (1) and the load (3) is connected to a detecting terminal SENSE of the power circuit (2). A diode (4) is connected in parallel to the Peltier device (1) as an element for protection. If the load (3) short-circuits, a large electric current flows but this large electric current flows through the diode (4) so that no excessive electric current flows through the Peltier device (1). Thus, the Peltier device (1) is protected.